

STAVIS SEAFOODS, INC.

Safety Systems

Equipment	Safety Systems
Ammonia Compressors	Each compressor is equipped with the following safety cutouts: High discharge pressure cutout: 250 psig
	Low suction pressure cutout: 15 hg psig
	Low oil pressure cutout: 30 psig
	High discharge temperature cutout: 200 °F
Evaporative Condensers	The evaporative condenser fans and cooling water pumps are controlled by: M&M Panel
Intermediate Pressure Vessel	High level alarm: 80 %
	High level compressor cutout: 90%
Low Pressure Vessel	High level alarm: 80%
	High level compressor cutout: 90%
Cooler # High Room Temperature Alarm	40 °F
Freezer #1 High Room Temperature Alarm	10 °F
Main Liquid Shut-Off Valve (King Valve)	The king valve is located: Above the CPR. / Above Low Temperature Accumulator
Emergency Stop Button	The emergency stop button is located Outside of Mechanical Room
	Hitting the button will: Shut down all compressors, condensers, And evaporators.
Ammonia Detectors	Ammonia detectors are located: Engine Room / Coolers A & B, Freezer, Dock, & Vent Line.
	The detectors will alarm at : 25 ppm, Engine Room 50 ppm, Vent Line 250 ppm
Ammonia Compressor Room Ventilation	The ammonia detectors will automatically turn on the ammonia machinery room ventilation fans if ammonia concentrations above 25 ppm are detected. The ventilation fans can be turned on manually using switches located: On the M&M Panel